

Data Sheet

PLASTRONFOAM D 40

Application:

foaming agent for the extrusion and injection moulding of thermoplastic resins, with a medium gas yield at very high processing temperatures, especially recommended for subsequent inline coating/painting

Active Ingredients: endothermic multi-component system, based on citric acid derivatives

Active Content: 40%

Carrier: multi-component polymer blend, compatible with the majority of thermoplastic resins

Physiology: the raw materials used, correspond to the recommendations of the European Directives

Supplied as: white, cylindrical granules

Technical Data:

Decomp. Start: > 200°C (max. 160°C in the feeding zone, to avoid a gglomeration of the foaming agent)

Processing Temp.: for a optimum gas yield, a processing temperature between 225°C and 240°C is recommended

Dosage:

Extrusion: chemical foaming 0.7 – 2.5%

Injection Moulding: weight reduction 0.7 – 2.5%
sink mark removal 0.2 – 0.8%

The information given in this data sheet is based on many years of practical experience. Nevertheless can it only be a recommendation and a basis for practical testing, where the optimum dosage has to be determined individually.

All information given herein is only a recommendation. Its use shall remain the sole responsibility of the customer. No patent guarantee whatsoever shall be implied.